

ODM Quality Report

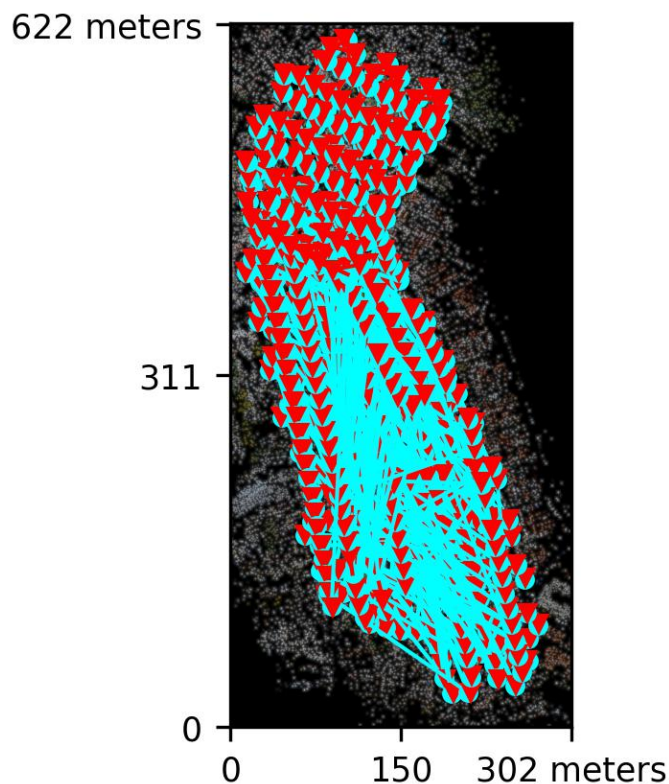
Processed with ODM version 2.8.8

Dataset Summary

Date	30/08/2022 at 03:15:11
Area Covered	0.149319 km ²
Processing Time	4.0h:59.0m:33.0s
Capture Start	01/01/2014 at 00:03:36
Capture End	27/08/2022 at 09:47:28

Processing Summary

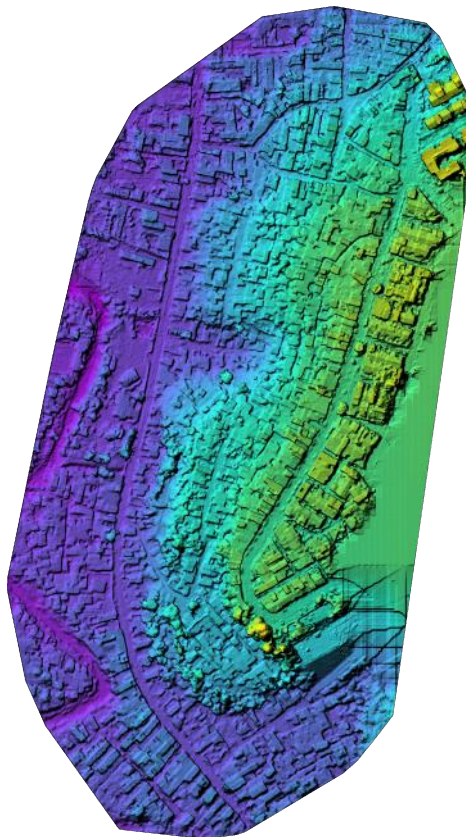
Reconstructed Images	518 over 518 shots (100.0%)
Reconstructed Points (Sparse)	1388978 over 1402433 points (99.0%)
Reconstructed Points (Dense)	30,058,920 points
Average Ground Sampling Distance (GSD)	2.6 cm
Detected Features	26,330 features
Reconstructed Features	13,066 features
Geographic Reference	GPS
GPS errors	6.17 meters



Previews



Orthophoto

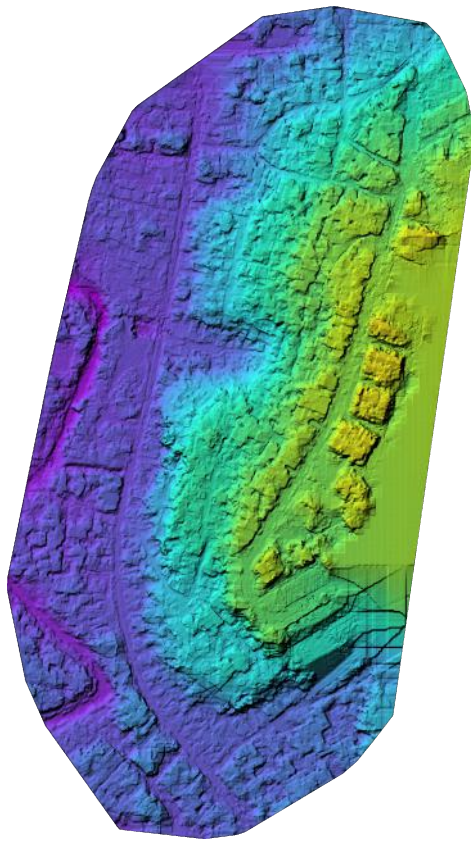


Digital Surface Model



753.45m

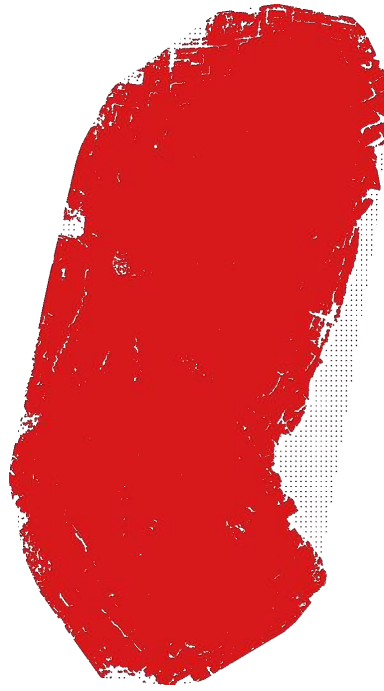
807.73m



Digital Terrain Model



Survey Data



■ 2 ■ 3 ■ 4 ■ 5+

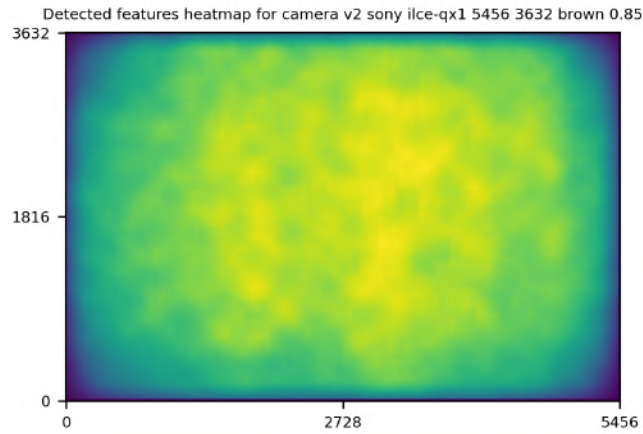
GPS/GCP/3D Errors Details

GPS	Mean	Sigma	RMS Error
X Error (meters)	-0.000	6.766	6.766
Y Error (meters)	0.000	10.256	10.256
Z Error (meters)	0.000	0.268	0.268
Total			6.171

3D	Mean	Sigma	RMS Error
X Error (meters)	0.075	0.113	0.136
Y Error (meters)	0.069	0.134	0.151
Z Error (meters)	0.321	0.454	0.556
Total			0.347

	Absolute	Relative
Horizontal Accuracy CE90 (meters)	26.625	0.253
Vertical Accuracy LE90 (meters)	0.424	0.765

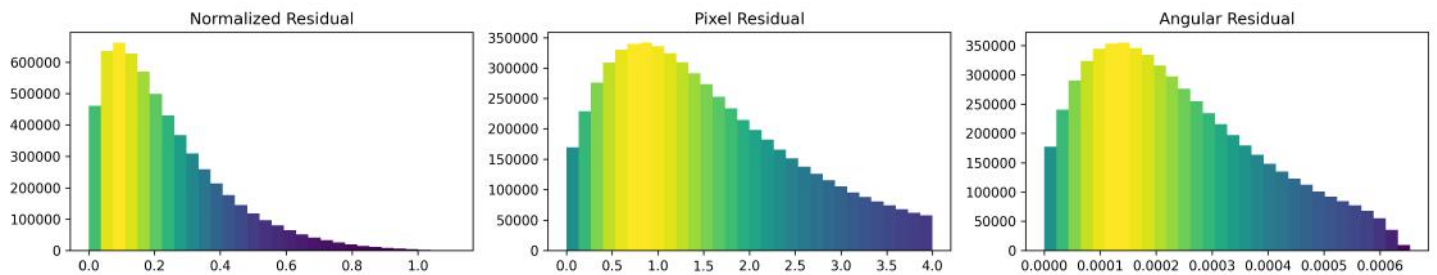
Features Details



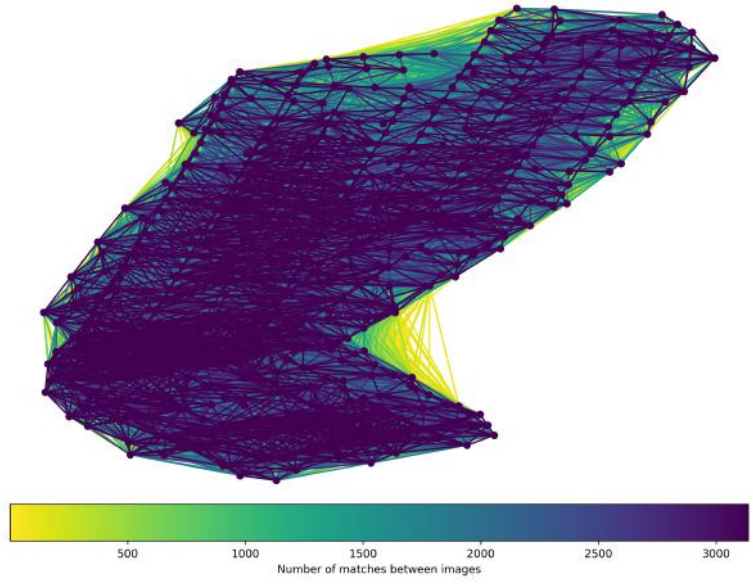
	Min.	Max.	Mean	Median
Detected	11033	44270	26434	26330
Reconstructed	4088	20472	13113	13066

Reconstruction Details

Average Reprojection Error (normalized / pixels / angular)	0.23 / 1.51 / 0.00024
Average Track Length	4.89 images
Average Track Length (> 2)	7.61 images



Tracks Details



Length	2	3	4	5	6	7	8	9	10
Count	672690	239721	120515	73577	48735	35658	27075	21993	18012

Camera Models Details

v2 sony ilce-qx1 5456 3632 brown 0.85

	k1	k2	k3	p1	p2	focal	aspect_ratio	cx	cy
Initial	0.0000	0.0000	0.0000	0.0000	0.0000	0.8500	1.0000	0.0000	0.0000
Optimized	-0.1354	0.1019	0.1632	-0.0000	0.0000	1.1216	1.0000	-0.0055	-0.0067

